

WEST Search History

DATE: Wednesday, August 20, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L7	L6 and l1	12	L7
L6	L5 and ethyl acetate	1834	L6
L5	560/\$ and membrane and ester\$6	2810	L5
L4	L3 and membrane	2	L4
L3	L2 and ethyl acetate	14	L3
L2	L1 and azeotrope	75	L2
L1	carboxylic ester and azeotropic distill\$6	274	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 14 returned.**☐ 1. Document ID: US 20030055274 A1

L8: Entry 1 of 14

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030055274

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030055274 A1

TITLE: Processes for preparation of 9,11-epoxy steroids and intermediates useful therein

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ng, John S.	Chicago	IL	US	
Liu, Chin	Vernon Hills	IL	US	
Anderson, Dennis K.	St. Charles	MO	US	
Lawson, Jon P.	Glencoe	MO	US	
Wieczorek, Joseph	Cary	IL	US	
Kunda, Sastry A.	Chesterfield	MO	US	
Letendre, Leo J.	Manchester	MO	US	
Pozzo, Mark J.	Chesterfield	MO	US	
Sing, Yuen-Lung L.	St. Louis	MO	US	
Wang, Ping T.	Ballwin	MO	US	
Yonan, Edward E.	Carol Stream	IL	US	
Weier, Richard M.	Lake Bluff	IL	US	
Kowar, Thomas B.	Mt. Prospect	IL	US	
Baez, Julio A.	San Diego	CA	US	
Erb, Bernhard	Gipf-Oberfrick		CH	

US-CL-CURRENT: 552/638

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20020010360 A1

L8: Entry 2 of 14

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010360

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010360 A1

TITLE: Process for the preparation of aminoalcohol derivatives and their further conversion to (1R, 4S)-4-((2-amino-6-chloro-5-formamido-4-pyrimidinyl)-amino)-2-cyclopentenyl-1- methanol

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brieden, Walter	Brig		CH	
Schroer, Josef	Susten		CH	
Bernegger-Egli, Christine	Munster		CH	
Urban, Eva Maria	Visp		CH	
Petersen, Michael	Visp		CH	
Roduit, Jean-Paul	Grone		CH	
Berchtold, Katja	Baltschieder		CH	
Breitbach, Holger	Baltschieder		CH	

US-CL-CURRENT: 560/115; 564/210, 564/444

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6448402 B2

L8: Entry 3 of 14

File: USPT

Sep 10, 2002

US-PAT-NO: 6448402

DOCUMENT-IDENTIFIER: US 6448402 B2

TITLE: Process for the preparation of aminoalcohol derivatives and their further conversion to (1R, 4S) -4- ((2-amino-6-chloro-5-formamido-4-pyrimidinyl)-amino)-2-cyclopentenyl -1-methanol

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6369247 B1

L8: Entry 4 of 14

File: USPT

Apr 9, 2002

US-PAT-NO: 6369247

DOCUMENT-IDENTIFIER: US 6369247 B1

TITLE: Process for oxidation of steroidal compounds having allylic groups

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5753407 A

L8: Entry 5 of 14

File: USPT

May 19, 1998

US-PAT-NO: 5753407

DOCUMENT-IDENTIFIER: US 5753407 A

TITLE: Polyamic acid composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 6. Document ID: US 5700916 A

L8: Entry 6 of 14

File: USPT

Dec 23, 1997

US-PAT-NO: 5700916

DOCUMENT-IDENTIFIER: US 5700916 A

TITLE: Solution and solid-phase formation of glycosidic linkages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 7. Document ID: US 5585217 A

L8: Entry 7 of 14

File: USPT

Dec 17, 1996

US-PAT-NO: 5585217

DOCUMENT-IDENTIFIER: US 5585217 A

TITLE: Polyamic acid composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 8. Document ID: US 5182037 A

L8: Entry 8 of 14

File: USPT

Jan 26, 1993

US-PAT-NO: 5182037

DOCUMENT-IDENTIFIER: US 5182037 A

TITLE: Phosphorus- and/or nitrogen-containing derivatives of sulfur-containing compounds, lubricant, fuel and functional fluid compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 9. Document ID: US 5141658 A

L8: Entry 9 of 14

File: USPT

Aug 25, 1992

US-PAT-NO: 5141658

DOCUMENT-IDENTIFIER: US 5141658 A

TITLE: Lubricant composition comprising a sulfur additive and a borated dispersant

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 10. Document ID: US 5130369 A

L8: Entry 10 of 14

File: USPT

Jul 14, 1992

US-PAT-NO: 5130369

DOCUMENT-IDENTIFIER: US 5130369 A

TITLE: Process for preparing functionalized polymer compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Generate Collection

Print

Terms	Documents
L3	14

Display Format:

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Change Format

[Previous Page](#)

[Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 14 of 14 returned.**☐ 11. Document ID: US 5110940 A

L8: Entry 11 of 14

File: USPT

May 5, 1992

US-PAT-NO: 5110940

DOCUMENT-IDENTIFIER: US 5110940 A

TITLE: Antihypercholesterolemic tetrazole compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 12. Document ID: US 5068346 A

L8: Entry 12 of 14

File: USPT

Nov 26, 1991

US-PAT-NO: 5068346

DOCUMENT-IDENTIFIER: US 5068346 A

TITLE: Tetrazole compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 13. Document ID: US 4897490 A

L8: Entry 13 of 14

File: USPT

Jan 30, 1990

US-PAT-NO: 4897490

DOCUMENT-IDENTIFIER: US 4897490 A

**** See image for Certificate of Correction ****

TITLE: Antihypercholesterolemic tetrazole compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 14. Document ID: US 3714234 A

L8: Entry 14 of 14

File: USPT

Jan 30, 1973

US-PAT-NO: 3714234

DOCUMENT-IDENTIFIER: US 3714234 A

**** See image for Certificate of Correction ****

TITLE: CATALYSTS AND ESTERIFICATION PROCESS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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Terms	Documents
L3	14

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[Previous Page](#) [Next Page](#)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1996:212680 CAPLUS
DOCUMENT NUMBER: 124:258910
TITLE: Removal of water from aroma aqueous mixtures using
pervaporation processes
AUTHOR(S): Shaban, Habib
CORPORATE SOURCE: Fac. Eng. Petroleum, Kuwait Univ., Safat, 13060,
Kuwait
SOURCE: Separations Technology (1996), 6(1), 69-75
CODEN: SETEEX; ISSN: 0956-9618
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

AB In the field of food technol. the main applications of pervaporation through hydrophilic membranes are the removal or extn. of water from aroma azeotropic aq. mixts. In this study, expts. for removal of water contg. aroma compds. of ethanol, propanol, butanol, hexanol, Et acetate and acetic acid were performed through a composite, plate and frame type hydrophilic PVA (poly vinyl alc.) **membrane** in a 0.5 m² plane module at a const. feed temp. and permeate vacuum pressure. The anal. is presented in terms of variations in permeation flux and sepn. factor. The results show the decrease in sepn. factor as well as permeation flux with the increase of alc. in feed. Hexanol does not permeate through PVA **membrane**. Activity coeff. of water is higher than that of org. Pervaporation selectivity differ from liq.-vapor thermodyn. equil.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1995:41362 CAPLUS
DOCUMENT NUMBER: 123:36033
TITLE: Removal of water from azeotropic systems by
pervaporation
AUTHOR(S): Steinhauser, Hermann; Brueschke, Hartmut
CORPORATE SOURCE: Dtsch. Carbone A.-G., Neunkirchen, Germany
SOURCE: Chemische Industrie (Duesseldorf) (1994), 117(7/8),
46-8
CODEN: CHIUA3; ISSN: 0009-2959
DOCUMENT TYPE: Journal
LANGUAGE: German

AB The principle of pervaporation is briefly described. Sepn. is accomplished by diffusion of a component of a fluid mixt. through a **membrane** and removal of the permeate as vapor. Investment costs for pervaporation units are given depending on the **membrane** surface. Operating expenses for removal of water from its azeotropies with EtOH, i-PrOH, and EtOAc are given for different capacities, including a batch unit. Sepn. of mixts. with high water content is carried out effectively by combining rectification with pervaporation.

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=> s 141-78-6/prep
22866 141-78-6
3040988 PREP/RL
L2 1420 141-78-6/PREP
(141-78-6 (L) PREP/RL)

=> s 12 and azeotrope
8084 AZEOTROPE
L3 35 L2 AND AZEOTROPE

=> s 13 and membrane
596760 MEMBRANE
L4 2 L3 AND MEMBRANE

=> s 13 and membrane and distill?
596760 MEMBRANE
106811 DISTILL?
L5 0 L3 AND MEMBRANE AND DISTILL?